SUMMARY:

BSUM(24)

  Still another problem with prior electronically controlled **cameras**
concerns the liquid crystal **display** which **indicates** the different
operating states of the camera. Such an indicator provides
information on the frame number of the film loaded in the camera,.   .   .

=> d 4 kwic

DETDESC:

DETD(26)

  Mode .   .   . are made by the user. In mode 4, the user selects the
monitor, the area to be viewed and the **camera** to be **used**, by
indicating these items on the **screen** 30. The processor acts on
these inputs to position the selected camera to view the selected area
and automatically displays.   .   .

=> d 5 kwic

ABSTRACT:
An .   .   . of function indicators and a second array of quantity
indicators. The function indicators are selectively actuable by a switch
arrangement **operated** by the **camera** user and the quantity
indicators display the quantity of the camera function selected.
The information display arrangement also includes apparatus for
accurately displaying battery voltage status.   .   .

=> d 6 kwic

DETDESC:

DETD(61)

  The capacity to make an unused numerical display, is **used** to control
display lamps 146 for **indicating camera status** condition.
In greater detail, the display device 280 includes any suitable number
"N" of numerical display positions. For example, if.   .   .

=> d his

        (FILE 'USPAT' ENTERED AT 18:09:52 ON 03 SEP 1997)
                SET HIGH OFF
L1   4715 S (MULTIL? OR PLURAL? OR MANY)(5A)(?CAMERA OR ?CAMERAS)
                SET HIGH ON
                SET HIGH OFF
L2   90128 S (PLURAL? OR MANY? OR MULTIPL?)(3A)(USER# OR CONTROL? OR
OPE
                SET HIGH ON
L3 ·   34 S (DISPLAY? OR SCREEN)(5A)(STATUS OR INDICAT?)(5A)(?CAMERA
 OR
L4   6 S L1 AND L2 AND L3

=> d 1-6

1. 5,550,611, Aug. 27, 1996, Camera; Tokuji Ishida, et al., 396/48, 89,

213 :IMAGE AVAILABLE:

2.   5,041,860, Aug. 20, 1991, Indicator unit for an electronically
controlled camera; Takeo Kobayashi, et al., 396/88, 291 :IMAGE AVAILABLE:

3.   5,012,272, Apr. 30, 1991, Indication control unit for an
electronically controlled camera; Yasushi Tabata, et al., 396/284, 406
:IMAGE AVAILABLE:

4.   4,992,866, Feb. 12, 1991, Camera selection and positioning system and
method; Jack B. Morgan, 348/159; 340/825.06, 825.49; 348/153, 218, 705
:IMAGE AVAILABLE:

5.   4,279,481, Jul. 21, 1981, Information display arrangement for camera;
Takao Ishibashi, et al., 352/171 :IMAGE AVAILABLE:

6.   4,148,579, Apr. 10, 1979, Automatic microfilm camera; Donald J.
Axelrod, et al., 355/41; 226/76, 101; 355/64, 75, 77; D18/36 :IMAGE
AVAILABLE:

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      (FILE 'USPAT' ENTERED AT 16:13:04 ON 03 SEP 1997)
                 SET HIGH OFF
L1        5762 S (PLURAL? OR MULTIPL? OR MANY)(5A)(?CAMERAS OR ?CAMERA)
L2       18453 S (?CAMERA OR ?CAMERAS)(5A)(CONTROL? OR OPERAT?)
                 SET HIGH ON
L3        3581 S L1 AND L2
L4        1165 S (PLURAL? OR MULTIPL? OR MANY)(3A)(USER# OR OPERATOR# OR
CON
                 SET HIGH OFF
L5       27058 S (DISPLAY OR SCREEN)(5A)(STATUS OR LAYOUT OR AREA OR REGI
ON)
                 SET HIGH ON

=> s l3 and l4 and l5
L6          93 L3 AND L4 AND L5

=> s (user or operator or controller)(5a)(access? or code# or authoriz? or id
or identification)(p)(?cameras or ?camera)
        240182 USER
        255963 OPERATOR
        137520 CONTROLLER
        365352 ACCESS?
        142748 CODE#
         13562 AUTHORIZ?
         35535 ID
         87611 IDENTIFICATION
         23370 ?CAMERAS
         57925 ?CAMERA
L7         641 (USER OR OPERATOR OR CONTROLLER)(5A)(ACCESS? OR CODE# OR AU
THO
                 RIZ? OR ID OR IDENTIFICATION)(P)(?CAMERAS OR ?CAMERA)

=> s l4 and l5
L8         141 L4 AND L5

=> del l8
DELETE L8? (Y)/N:y

=> s l6 and l7
L8          14 L6 AND L7

=> d his

      (FILE 'USPAT' ENTERED AT 16:13:04 ON 03 SEP 1997)
                 SET HIGH OFF
L1        5762 S (PLURAL? OR MULTIPL? OR MANY)(5A)(?CAMERAS OR ?CAMERA)
L2       18453 S (?CAMERA OR ?CAMERAS)(5A)(CONTROL? OR OPERAT?)
                 SET HIGH ON
L3        3581 S L1 AND L2
L4        1165 S (PLURAL? OR MULTIPL? OR MANY)(3A)(USER# OR OPERATOR# OR
CON
                 SET HIGH OFF
L5       27058 S (DISPLAY OR SCREEN)(5A)(STATUS OR LAYOUT OR AREA OR REGI
ON)
                 SET HIGH ON
L6          93 S L3 AND L4 AND L5
L7         641 S (USER OR OPERATOR OR CONTROLLER)(5A)(ACCESS? OR CODE# OR
 AU
L8          14 S L6 AND L7

=> d 1-14

1.  5,598,209, Jan. 28, 1997, Method for automatically adjusting a video
conferencing system camera; Leo M. Cortjens, et al., 348/211, 15 :IMAGE
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AVAILABLE:

2.   5,592,321, Jan. 7, 1997, Apparatus for selective routing of information signals; David Elberbaum, 359/173; 348/335, 385; 359/109 :IMAGE AVAILABLE:

3.   5,589,878, Dec. 31, 1996, Method of determining an error in a video conferencing system camera; Leo M. Cortjens, et al., 348/211, 15, 734 :IMAGE AVAILABLE:

4.   5,583,565, Dec. 10, 1996, Method for automatically adjusting the pan and tilt of a video conferencing system camera; Leo M. Cortjens, et al., 348/15, 213 :IMAGE AVAILABLE:

5.   5,568,183, Oct. 22, 1996, Network videoconferencing system; Leo M. Cortjens, et al., 348/15, 13, 211 :IMAGE AVAILABLE:

6.   5,528,289, Jun. 18, 1996, Method for automatically adjusting a videoconferencing system camera to center an object; Leo M. Cortjens, et al., 348/211, 15, 213 :IMAGE AVAILABLE:

7.   5,526,037, Jun. 11, 1996, Method for remotely controlling a peripheral device in a videoconferencing system; Leo M. Cortjens, et al., 348/15; 375/220, 257 :IMAGE AVAILABLE:

8.   5,515,099, May 7, 1996, Video conferencing system controlled by menu and pointer; Leo M. Cortjens, et al., 348/15, 6, 211 :IMAGE AVAILABLE:

9.   5,508,737, Apr. 16, 1996, Remote video viewing and recording system for remotely occurring events; Michael Lang, 348/159, 8, 157, 705 :IMAGE AVAILABLE:

10.   5,237,408, Aug. 17, 1993, Retrofitting digital video surveillance system; Jeffrey D. Blum, et al., 348/154, 12 :IMAGE AVAILABLE:

11.   RE 31,023, Sep. 7, 1982, Highly automated agricultural production system; Arthur D. Hall, III, 47/1.01R, 2, DIG.6; 56/237, 328.1; 137/79, 236.1, 386; 138/111; 180/305; 193/25E; 198/570; 209/173; 239/69, 210, 727, 745; 364/172, 400; 382/100 :IMAGE AVAILABLE:

12.   4,283,766, Aug. 11, 1981, Automatic camera control for creating special effects in motion picture photography; R. David Snyder, et al., 364/525; 352/48, 53, 90; 364/174, 189, 194 :IMAGE AVAILABLE:

13.   4,027,315, May 31, 1977, Multiple image camera; Howard Hunter Barney, 396/338; 346/107.2; 347/257, 258; 396/429 :IMAGE AVAILABLE:

14.   4,015,366, Apr. 5, 1977, Highly automated agricultural production system; Arthur D. Hall, III, 47/1.01R, 2, DIG.6; 56/237, 328.1; 137/79, 236.1, 386; 138/111; 193/25E; 198/570; 209/173; 239/69, 210, 727, 745; 348/143; 364/143, 150, 172, 400, 420; 382/110 :IMAGE AVAILABLE:

16.   5,111,288, May 5, ●92, Surveillance camera system ●avid M. Blackshear, 348/143, 3●:IMAGE AVAILABLE:

17.   4,992,866, Feb. 12, 1991, Camera selection and positioning system and method; Jack B. Morgan, 348/159; 340/825.06, 825.49; 348/153, 218, 705 :IMAGE AVAILABLE:

18.   4,949,391, Aug. 14, 1990, Adaptive image acquisition system; James L. Faulkerson, et al., 382/313, 221 :IMAGE AVAILABLE:

19.   4,945,367, Jul. 31, 1990, Surveillance camera system; David M. Blackshear, 396/427; 348/143 :IMAGE AVAILABLE:

20.   4,516,156, May 7, 1985, Teleconferencing method and system; Alfonso V. Fabris, et al., 348/15, 211 :IMAGE AVAILABLE:

21.   4,283,766, Aug. 11, 1981, Automatic camera control for creating special effects in motion picture photography; R. David Snyder, et al., 364/525; 352/48, 53, 90; 364/174, 189, 194 :IMAGE AVAILABLE:

=> d his

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      (FILE 'USPAT' ENTERED AT 16:14:45 ON 02 SEP 1997)
                    SET HIGH OFF
L1         4334 S (?CAMERA OR ?CAMERAS)(3A)(PLURAL? OR MULTIPL? OR MANY)
L2        52791 S REMOTE?(5A)(CONTROL? OR OPERAT?)
                    SET HIGH ON
L3          431 S L1 AND L2
                    SET HIGH OFF
L4       221937 S (COMPUTER OR MICROCOMPUTER OR MICRO-COMPUTER OR CPU)
                    SET HIGH ON
L5          169 S (DISPLAY? OR MONITOR?)(5A)STATUS(P)(?CAMERA OR ?CAMERAS)
L6           21 S L3 AND L4 AND L5
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=> d 1-21

1.   5,648,897, Jul. 15, 1997, System for controlling a remote unit; Darren Johnson, et al., 364/188; 395/92, 94, 99 :IMAGE AVAILABLE:

2.   5,598,456, Jan. 28, 1997, Integrated telephone, intercom, security and control system for a multi-unit building; David H. Feinberg, 379/42, 43, 44, 47, 49 :IMAGE AVAILABLE:

3.   5,598,209, Jan. 28, 1997, Method for automatically adjusting a video conferencing system camera; Leo M. Cortjens, et al., 348/211, 15 :IMAGE AVAILABLE:

4.   5,589,878, Dec. 31, 1996, Method of determining an error in a video conferencing system camera; Leo M. Cortjens, et al., 348/211, 15, 734 :IMAGE AVAILABLE:

5.   5,583,796, Dec. 10, 1996, Video security backup system; Daniel J. Reese, 364/550; 348/152, 159; 364/525 :IMAGE AVAILABLE:

6.   5,583,565, Dec. 10, 1996, Method for automatically adjusting the pan and tilt of a video conferencing system camera; Leo M. Cortjens, et al., 348/15, 213 :IMAGE AVAILABLE:

7.   5,576,757, Nov. 19, 1996, Electronic still video camera with direct personal computer (PC) compatible digital format output; Marc K. Roberts, et al., 348/207, 220, 232; 358/906 :IMAGE AVAILABLE:

8.   5,568,183, Oct. 22, 1996, Network videoconferencing system; Leo M. Cortjens, et al., 348/15, 13, 211 :IMAGE AVAILABLE:

9. 5,528,289, Jun. 18, 1996, Method for automatically adjusting a videoconferencing system camera to center an object; Leo M. Cortjens, et al., 348/211, 15, 213 :IMAGE AVAILABLE:

10. 5,526,037, Jun. 11, 1996, Method for remotely controlling a peripheral device in a videoconferencing system; Leo M. Cortjens, et al., 348/15; 375/220, 257 :IMAGE AVAILABLE:

11. 5,515,099, May 7, 1996, Video conferencing system controlled by menu and pointer; Leo M. Cortjens, et al., 348/15, 6, 211 :IMAGE AVAILABLE:

12. 5,432,838, Jul. 11, 1995, Communication system; F. Jack Purchase, et al., 455/523; 348/6, 13 :IMAGE AVAILABLE:

13. 5,412,708, May 2, 1995, Videophone system for scrutiny monitoring with computer control; Ronald A. Katz, 348/14, 16; 379/39 :IMAGE AVAILABLE:

14. 5,281,988, Jan. 25, 1994, Universal remote control device for cameras; Stanley D. Martin, 396/59, 265, 428, 504, 544 :IMAGE AVAILABLE:

15. 5,138,459, Aug. 11, 1992, Electronic still video camera with direct personal computer (PC) compatible digital format output; Marc K. Roberts, et al., 348/232, 233 :IMAGE AVAILABLE:

16. 5,111,288, May 5, 1992, Surveillance camera system; David M. Blackshear, 348/143, 373 :IMAGE AVAILABLE:

17. 4,992,866, Feb. 12, 1991, Camera selection and positioning system and method; Jack B. Morgan, 348/159; 340/825.06, 825.49; 348/153, 218, 705 :IMAGE AVAILABLE:

18. 4,949,391, Aug. 14, 1990, Adaptive image acquisition system; James L. Faulkerson, et al., 382/313, 221 :IMAGE AVAILABLE:

19. 4,945,367, Jul. 31, 1990, Surveillance camera system; David M. Blackshear, 396/427; 348/143 :IMAGE AVAILABLE:

20. 4,516,156, May 7, 1985, Teleconferencing method and system; Alfonso V. Fabris, et al., 348/15, 211 :IMAGE AVAILABLE:

21. 4,283,766, Aug. 11, 1981, Automatic camera control for creating special effects in motion picture photography; R. David Snyder, et al., 364/525; 352/48, 53, 90; 364/174, 189, 194 :IMAGE AVAILABLE: